

Nuclear Regulatory Commission

§ 75.32

§ 75.22 Accounting records.

(a) The accounting records required by § 75.21 shall include, for each IAEA material balance area:

(1) All inventory changes, so as to permit a determination of the book inventory at any time;

(2) All measurement results that are used for determination of nuclear material quantities; and

(3) All adjustments and corrections that have been made with respect to inventory changes, book inventories and physical inventories.

(b) The records shall show, for each batch of nuclear material: material identification, batch data and source data. The *batch data* means a separate listing of the total weight of each element of nuclear material (including, as specified in the license conditions, isotopic composition for special nuclear material) with plutonium and enriched uranium measured in grams and natural or depleted uranium and thorium measured in kilograms. The *source data* are the data, recorded during measurement or calibration or used to derive empirical relationships, which identify nuclear material and provide batch data.

(c) For each inventory change, the records shall show the date of the inventory change and, when appropriate, (1) the originating IAEA material balance area or the shipper, and (2) the receiving IAEA material balance area or the recipient.

§ 75.23 Operating records.

The operating records required by § 75.21 shall include, as appropriate, for each IAEA material balance area:

(a) Those operating data which are used to establish changes in the quantities and composition of nuclear material;

(b) The data obtained from the calibration of tanks and instruments and from sampling and analyses, the procedures employed to control the quality of measurements, and the derived estimates of random and systematic error;

(c) A description of the sequence of the actions taken in preparing for, and in taking, a physical inventory, to ensure that it is correct and complete; and

(d) A description of the actions taken to ascertain the magnitude and cause of any accidental or unmeasured loss that might occur.

§ 75.24 Retention of records.

The records referred to in §§ 75.22 and 75.23 shall be retained by the licensee for at least five years.

REPORTS

§ 75.31 General requirements.

Each licensee or certificate holder who has been given notice by the Commission in writing that its facility has been identified under the Safeguards Agreement shall make, in an appropriate computer-readable format, an initial inventory report, and thereafter shall make accounting reports, with respect to the facility and, in addition, licensees or certificate holders who have been given notice, under § 75.7 that their facilities are subject to the application of IAEA safeguards, shall make the special reports described in § 75.36. These reports must be based on the records kept under § 75.21. At the request of the Commission, the licensee or certificate holder shall amplify or clarify any report with respect to any matter relevant to implementation of the Safeguards Agreement. Any amplification or clarification must be in writing and must be submitted, to the address specified in the request, within 20 days or other time as may be specified by the Commission.

[73 FR 78613, Dec. 23, 2008]

§ 75.32 Initial inventory report.

(a) The initial inventory reporting date shall be the last day of the calendar month in which the Commission gives the licensee notice that an initial inventory report is required.

(b) The initial inventory report, to be submitted to the Commission as specified by the instructions (NUREG/BR-0007 and NMMSS Report D-24 "Personal Computer Data Input for NRC Licensees"), must show the quantities of nuclear material contained in or at a facility as of the initial inventory reporting date. The information in the initial inventory report may be based upon the licensee's or certificate holder's book record.

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(c) The initial inventory report shall be dispatched within twenty (20) days after the initial inventory reporting date.

[45 FR 50711, July 31, 1980, as amended at 59 FR 35622, July 13, 1994; 73 FR 78613, Dec. 23, 2008]

§ 75.33 Accounting reports.

(a)(1) The accounting reports for each IAEA material balance area must consist of:

- (i) Nuclear Material Transaction Reports (Inventory Change Reports); and
- (ii) Material status reports showing the material balance based on a physical inventory of nuclear material actually present.

(2) These prescribed computer-readable forms replace the following forms which have been submitted in paper form:

- (i) The DOE/NRC Form 741; and
- (ii) The DOE/NRC Form 742.

(b) The reports shall be based on data available as of the date of reporting and may be corrected at a later date, as required.

[45 FR 50711, July 31, 1980, as amended at 49 FR 19629, May 9, 1984; 59 FR 35622, July 13, 1994; 73 FR 78613, Dec. 23, 2008]

§ 75.34 Inventory change reports.

(a) Nuclear Material Transaction Reports (Inventory Change Reports) in computer-readable format to be completed in accordance with instructions (NUREG/BR-0006 and NMMSS Report D-24 “Personal Computer Data Input for NRC Licensees”), must specify identification and batch data for each batch of nuclear material, the date of the inventory change, and, as appropriate,

(1) The originating IAEA material balance area or the shipper; and

(2) The receiving IAEA material balance area or the recipient.

Each licensee who receives special nuclear material from a foreign source shall complete both the supplier's and receiver's portion of the form.

(b) Nuclear Material Transactions Reports (Inventory Change Reports), when appropriate, must be accompanied by Concise Notes, completed as specified in the instructions (NUREG/BR-0006 and NMMSS Report D-24

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“Personal Computer Data Input for NRC Licensees”). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Fuel Cycle Safety and Safeguards, Washington, DC 20555-0001. This Concise Note is used in:

(1) Explaining the inventory changes on the basis of the operating records provided for under § 75.23; and

(2) Describing, to the extent specified in the license conditions, the anticipated operational program for the facility, including particularly, but not exclusively, the schedule for taking physical inventory.

[59 FR 35622, July 13, 1994, as amended at 73 FR 78613, Dec. 23, 2008]

§ 75.35 Material status reports.

(a) A material status report must be submitted for each physical inventory which is taken as part of the material accounting and control procedures required by § 75.21. The material status report must include a material balance report and a physical inventory report which lists all batches separately and specifies material identification and batch data for each batch. When appropriate, the material status report must be accompanied by a Concise Note. The reports described in this section must be prepared and submitted in accordance with instructions (NUREG/BR-0006, NUREG/BR-0007, and NMMSS Report D-24 “Personal Computer Data Input for NRC Licensees”). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Fuel Cycle Safety and Safeguards, Washington, DC 20555-0001.

(b) Unless otherwise specified in the license conditions, material status reports shall be dispatched as soon as possible and in any event within thirty (30) days after the start of the physical inventory.

[45 FR 50711, July 31, 1980, as amended at 59 FR 35622, July 13, 1994; 73 FR 78613, Dec. 23, 2008]

§ 75.36 Special reports.

(a) This section applies only to licenses or certificate holders who have been given notice under § 75.7(b) that